

# Kousik Das

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

606  
citations

840119

11  
h-index

642321

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

786  
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of arsenic(III) and arsenic(V) on chemically modified low-cost adsorbent: batch and column operations. <i>Applied Water Science</i> , 2013, 3, 293-309.	2.8	88
2	Modeling of the adsorptive removal of arsenic: A statistical approach. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 585-597.	3.3	85
3	Green synthesis of silver nanoparticles and its application for mosquito control. <i>Asian Pacific Journal of Tropical Disease</i> , 2014, 4, S204-S210.	0.5	70
4	Present status of soil moisture estimation by microwave remote sensing. <i>Cogent Geoscience</i> , 2015, 1, 1084669.	0.6	70
5	Dental fluorosis and urinary fluoride concentration as a reflection of fluoride exposure and its impact on IQ level and BMI of children of Laxmisagar, Simlapal Block of Bankura District, W.B., India. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 218.	1.3	58
6	Ecophysiological evaluation of tree species for biomonitoring of air quality and identification of air pollution-tolerant species. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 262.	1.3	35
7	Soil moisture retrieval model by using RISAT-1, C-band data in tropical dry and sub-humid zone of Bankura district of India. <i>Egyptian Journal of Remote Sensing and Space Science</i> , 2015, 18, 297-310.	1.1	28
8	Depth-dependent groundwater response to coastal hydrodynamics in the tropical, Ganges river mega-delta front (the Sundarbans): Impact of hydraulic connectivity on drinking water vulnerability. <i>Journal of Hydrology</i> , 2019, 575, 499-512.	2.3	20
9	Groundwater vulnerability to pesticide pollution assessment in the alluvial aquifer of Western Bengal basin, India using overlay and index method. <i>Chemie Der Erde</i> , 2020, 80, 125601.	0.8	20
10	Seasonal-to-diurnal scale isotopic signatures of tidally-influenced submarine groundwater discharge to the Bay of Bengal: Control of hydrological cycle on tropical oceans. <i>Journal of Hydrology</i> , 2019, 571, 697-710.	2.3	18
11	Solute exchanges between multi-depth groundwater and surface water of climatically vulnerable Gangetic delta front aquifers of Sundarbans. <i>Journal of Environmental Management</i> , 2021, 284, 112026.	3.8	16
12	Stable isotope dynamics of groundwater interactions with Ganges river. <i>Hydrological Processes</i> , 2021, 35, .	1.1	12
13	Effective utilization of calcareous soil towards the removal of methylene blue from aqueous solution. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 867-881.	2.1	10
14	Achieving Sustainable Development Goal for Clean Water in India: Influence of Natural and Anthropogenic Factors on Groundwater Microbial Pollution. <i>Environmental Management</i> , 2020, 66, 742-755.	1.2	10
15	Deleneation of groundwater quality in the presence of fluoride in selected villages of Simlapal block, Bankura district, West Bengal, India. <i>Sustainable Water Resources Management</i> , 2016, 2, 439-451.	1.0	9
16	Socio-Hydrological Approach to Explore Groundwaterâ€™Human Wellbeing Nexus: Case Study from Sundarbans, India. <i>Water (Switzerland)</i> , 2021, 13, 1635.	1.2	9
17	Quantifying the dynamics of sub-daily to seasonal hydrological interactions of Ganges river with groundwater in a densely populated city: Implications to vulnerability of drinking water sources. <i>Journal of Environmental Management</i> , 2021, 288, 112384.	3.8	9
18	ARSENIC CONTAMINATION IN GROUNDWATER: A STATISTICAL MODELING. <i>Journal of Urban and Environmental Engineering</i> , 0, , 24-29.	0.3	8

#	ARTICLE	IF	CITATIONS
19	Characterization of tidally influenced seasonal nutrient flux to the Bay of Bengal and its implications on the coastal ecosystem. <i>Hydrological Processes</i> , 2018, 32, 1282-1300.	1.1	7
20	Implication of submarine groundwater discharge to coastal ecology of the Bay of Bengal. <i>Journal of Earth System Science</i> , 2020, 129, 1.	0.6	7
21	Impact of global-scale hydroclimatic patterns on surface water-groundwater interactions in the climatically vulnerable Ganges river delta of the Sundarbans. <i>Science of the Total Environment</i> , 2021, 798, 149198.	3.9	7
22	Observing tidal and storm generated wave height impact on groundwater levels in a tropical delta (the Sundarbans). <i>Journal of Hydrology</i> , 2021, 603, 126813.	2.3	6
23	STATISTICAL APPRAISAL OF FLUORIDE ENRICHMENT IN AREAS OF MALDA AND SOUTH DINAJPUR DISTRICT, WEST BENGAL, INDIA. <i>Journal of Urban and Environmental Engineering</i> , 2016, 9, 119-126.	0.3	1
24	Shallow and deep submarine groundwater discharge to a tropical sea: Implications to coastal hydrodynamics and aquifer vulnerability. <i>Journal of Hydrology</i> , 2022, 605, 127335.	2.3	1
25	Influence of Hydrology and Sanitation on Groundwater Coliform Contamination in Some Parts of Western Bengal Basin: Implication to Safe Drinking Water. <i>Frontiers in Water</i> , 0, 4, .	1.0	1